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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/995,415	
	Filing Date	Nov 26, 2001	
	First Named Inventor	Robertson	
	Group Art Unit	2171	
	Examiner Name	HA	
Total Number of Pages in This Submission	5	Attorney Docket Number	MS1-776US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s) Sheets	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
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<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Request for Correction of Filing Receipt Return Postcard
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<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Brian G. Hart
Signature	<i>Brian Hart</i>
Date	12/09/02

CERTIFICATE OF MAILING		
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: 12/9/02		
Typed or printed name	Carlin Taylor	
Signature	<i>Carlin Taylor</i>	Date 12/9/02

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. .... 09/995,415  
Filing Date ..... Nov 26, 2001  
Inventor..... Robertson et al.  
Applicant ..... Microsoft Corporation  
Attorney's Docket No. .... MS1-776US  
Title: A Dynamically Generated Schema Representing Multiple Hierarchies of Inter-Object Relationships

**REQUEST FOR CORRECTION OF FILING RECEIPT**

To: Application Processing Division – Customer Correction Branch  
Commissioner of Patents and Trademarks  
Washington, D.C. 20231

From: Brian G. Hart (Tel. 509-324-9256; Fax 509-323-8979)  
Customer No.

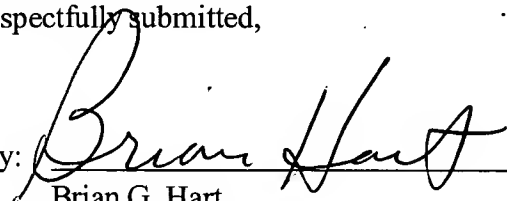
Contrary to the filing receipt, which indicates a filing date of November 29, 2001, the actual filing date of this application is **November 26, 2001**. The following enumerated items are submitted to verify the correct filing date.

1. Copy of transmittal letter mailed 11/26/01
2. Copy of Express Mail Label stamped 11/26/01

A copy of the filing receipt with the correction noted is also enclosed. Applicant respectfully requests correction and issuance of a corrected filing receipt.

Respectfully submitted,

Dated: 12/09/02

By:   
Brian G. Hart  
Reg. No. 44,421  
(509) 324-9256



E 887747586

PTO/SB/05 (03-01)

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	MS1-776US
First Inventor	Cameron et al.
Title	A Dynamically Generated Schema Representing Multiple Hierarchies of Inter-Object Relationships
Express Mail Label No.	

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- ☐ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
- ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
- ☒ Specification [Total Pages **73**]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the invention
  - Brief Summary of the invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **14**]
- Oath or Declaration [Total Pages **1**]
  - ☐ Newly executed (original or copy)
  - ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
    - ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
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Washington, DC 20231

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - ☐ Computer Readable Form (CRF)
  - Specification Sequence Listing on:
    - ☐ CD-ROM or CD-R (2 copies); or
    - ☐ paper
  - ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

- ☐ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
- ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☐ Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

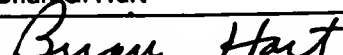
Prior application information: Examiner: \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

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Name (Print/Type)	Brian G. Hart	Registration No. (Attorney/Agent)	44,421
Signature		Date	11/26/01

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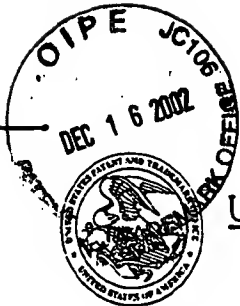
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/995,415	<del>11/29/2001</del> 11/26/2001	2171	2316	MS1-776US	14	91	5

22801  
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421 W RIVERSIDE AVENUE SUITE 500  
SPOKANE, WA 99201

CONFIRMATION NO. 1895

UPDATED FILING RECEIPT



\*OC000000007773078\*

Date Mailed: 04/03/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Kim Cameron, Bellevue, WA;  
Stewart P. MacLeod, Woodinville, WA;  
George G. Robertson, Seattle, WA;  
James H. Booth, Issaquah, WA;  
Luc Clement, Sammamish, WA;

Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted 12/21/2001

Projected Publication Date: 05/29/2003

Non-Publication Request: No

Early Publication Request: No

**Title**

Dynamically generated schema representing multiple hierarchies of inter-object relationships

Preliminary Class

707